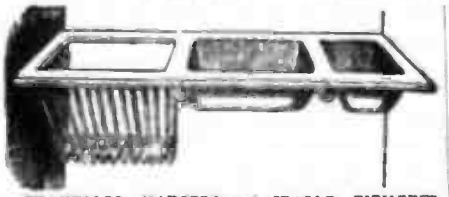
COTTAM & HALLEN, 2, WINSLEY-STREET, OXFORD-STREET, LONDON.



ENAMELLED MANGERS and STABLE FITMENTS. Registered. Economy, durability, appearance, cleanliness, comfort to the horse when feeding, and being rendered impervious to any infection by enamel, are some of the improvements of these fittings.

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COTTAM AND HALLEN,
FOR
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ORNAMENTAL WROUGHT AND CAST IRON WORK OF EVERY DESCRIPTION—STAIRCASES, RAILINGS, &c.

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A QUANTITY OF
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Mitre quality. Sections, &c. per post.

A QUANTITY OF
CAST IRON RAILING BARS,
at 6s. 6d. per cwt.
PARTICULARS BY POST.

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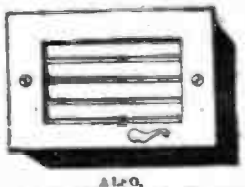


ALSO
DR. ARNOTT'S VENTILATING CHIMNEY VALVES,
at the following reduced prices:—

No. 1. Plain Valve	3s. 6d.
No. 2. Bronzed and feathered	4s. 6d.
No. 3. Bronzed and leathered, with trellis-work	5s. 6d.
No. 4. White and gold lines, with trellis-work	6s. 6d.

PATENT SPINDLED CHINA MORTISE FURNITURE.

White	1s. 6d. per set.
Bronze	1s. 9d. "
White and gold	2s. 6d. "

J. H. ROBERTS and Co., Ironmongers, Brass Foundry, Nail and Tool Warehouses, 34, Stanhope-street, Clare-market, London. Established nearly 200 years for the sale of goods from the best manufactories at the lowest prices.

VENTILATION—PURE AIR.

Shuttleworth's Ventilator, for the admission of pure air through an EXTERNAL WALL.

With single pulley, from 6s. each; with leather pulley, from 8s. 6d.

These Ventilators are so arranged that the requisite quantity of air may be admitted for the due ventilation of an apartment without the slightest draught being felt by the occupants; and as they are placed in the external wall, their action is not impeded when the rooms is used for the evening, at which time a constant supply of fresh air is most required.—HAYWARD BROTHERS, 226, Blackfriars-road, 126, Bleed'friars-road, 119, Union-street, Borough; and of all respectable ironmongers, builders, &c.

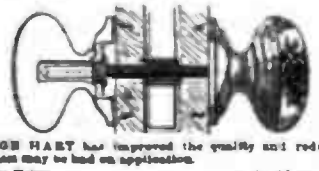
By her Majesty's Royal Letters Patent.

PITT'S PATENT SELF-ADJUSTING DOOR KNOBS AND LOCK SPINDLES.

HART and SON beg to invite the attention of Architects, Builders and others to their Door Furniture, mounted for PITT'S PATENTED SPINDLES. The knobs are stronger, more durable, and more elegant in form, than those in ordinary use, as the spindles, being loose, do not require the objectionable side screw. They are more readily fixed, are suitable for every description of lock now in use, and, as they adjust themselves to doors of different thickness, without alteration, are particularly adapted for the country or for exportation. They are made (to suit every style of furniture) in China, crystal, amber, and opal glass, buffalo, horn, ivory, ebony, brass, &c. en suite with finger-plates, bell-pulls, levers, &c. May be obtained of all Ironmongers; or of the Proprietors and Manufacturers, HART and SON, Wholesale and Manufacturing Ironmongers, 33, 34, and 35, Wych-street, Strand, London.

GEORGE HART, 253, STRAND,

Near Temple Bar,
PROPRIETOR AND MANUFACTURER
of
PITT'S PATENT SELF-ADJUSTING SPINDLED DOOR FURNITURE.



GEORGE HART has improved the quality and reduced the price. List may be had on application.

White China	3s. 6d. per set.
Bright ditto	2s. 6d. "

Subject to the usual discount.

Post-office orders payable at 253, Strand, to GEORGE HART, Proprietor and Manufacturer.

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NEWCASTLE-ON-TYNE.
Manufacturers of Bar Iron, Railway Bars, Forge and Engine Work, Cast-Iron Girders, and
STEWART'S PATENT CAST-IRON GAS and WATER PIPES.
Offices, No. 7, Pine-lane, London.

COLLINGE'S PATENT HINGES.—Hole

Manufacturers, CHARLES COLLINGE and CO., 64 and 65, Bridge-road, Lambeth, where a great variety are always on view for church, park, railroad, coach-house, and other gates and doors of large and small dimensions, a gate of a two weight mooring with these hinges as easily as a wicket. Ornamental hinges, adapted for dwelling-rooms, &c.; doors fitted with them may be removed and replaced in an instant. Hinging and door-closing [illegible] and superior gate fastenings, at moderate prices. Patent [illegible] marked "Charles Collinge, Patent, Lambeth." Plans and estimates for ornamental and wrought iron work, for building and other purposes. Engines, machinery, patent safe irons, engravings, &c.

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upon natural principles, tested by fifty years of practical experience, is now applied, without machinery, to Chimney-pots, Stove-grates, fire-places, &c.

Upwards of 1,500 Terminals for Smoke and Vent-holes made to the accompanying patterns and on the above principles have been successfully applied by architects of the highest eminence.

They are ornamental, cheaply fixed, durable, and easily swept. The size for 14 inches by 9 inches flue, price 3s. Flues not requiring the convert and coping owner, 9s.

APPLY AT THE
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Ample directions for fixing; and every one may adopt this admirable invention without sending for a chimney-doctor.

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PRIZE MEDAL of the GREAT EXHIBITION awarded to PIERCE'S UNIVERSAL FIRE-LUMP GRATES, and IMPROVED COTTAGERS' GRATES.—Manufactory and Warehouse, 8, Jermyn-street, Regent-street.

The Best and Cheapest Grates for all useful purposes are PIERCE'S COTTAGE GRATES, made entirely of the best Fire Lump, in one entire piece, and having strong octagon bars, with bottom complete, ready for fixing.

PIERCE strongly recommends these Grates to public notice for Cottages, Lodges, Almshouses, Farmhouses, Servants' and other Bedrooms, Offices, &c., as from their durability and economy, they possess many advantages over the common black iron grates that have been hitherto made use of in cottages and bedrooms, the most important of which consist in their comfort and usefulness, combined with the great strength and durability of the material (the best and purest fire-clay), producing a bright and cheerful fire, without waste from other ashes or cinders, and will burn wood, coals, coke, or peat. Economical in cost; and, from their construction, requiring but a very small quantity of fuel; giving off a large portion of radiant warmth into the room, and admirably adapted for cooking, having capacious and safe bake, which can be enlarged by the addition of the double top bar, to hold pots or other vessels when boiling. In several sizes, from 24 to 33 inches wide, at various prices from 11s. 6d. to 35s.

PIERCE'S ECONOMICAL RADIATING STOVE-GRATE MANUFACTORY, 8, JERMYN-STREET, REGENT-STREET.
SOLE LONDON AGENT for NICHOLSON'S COTTAGERS' RANGES, ANGLO-GERMAN COOKING-STOVE, &c.

NEW HOUSES OF PARLIAMENT.—

DEFRIE'S GAS STOVES, RANGES, and BATHS, just completed for two kitchens in the above building.—A great variety in stock upon the same principle. Gas Baths from 7l. by which a warm bath may be obtained for three-halfpence. Gas Cooking and Heating Stoves for all classes, from 1l. Defrie's celebrated Dry Gas Meters also in use. Testimonials at the office, 142, Regent-street. Manufactories removed from Hampstead-road and St. Martin's-lane to more extensive premises, New-road, near Albany-street.

CUNDY'S PATENT STOVE.

W. HODGES,

late of 123, Oxford-street, begs to announce that he has transferred the License for Manufacturing the above STOVES to Messrs CUTLER and SONS, 16 Great Queen-street, Lincoln's-inn, where a large assortment is always kept on sale. Open Fire, Warm Air, Ventilating Stoves, suitable for Churches, School-rooms, Public Offices, Halls, and other Rooms of all dimensions; and Smoke-expelling Register Stoves, which are guaranteed as a perfect cure for Smoky Chimneys.

AUSTIN'S IMPERIAL
PATENT SASH and BLIND LINE,

can be obtained of all
ROPEMAKERS, IRONMONGERS, FACTORS AND WHOLESALE HOUSES IN TOWN OR COUNTRY.

BUILDERS, Contractors, Carpenters, and others

are invited to inspect the stock of
NAILS, TOOLS, BRASS AND GENERAL IRONMONGERY
at PFEIL and TEDALL'S,
Nos. 5 and 6, BROAD-STREET, BLOOMSBURY.
The prices will be found the lowest, and the stock one of the largest in the trade. A price list sent on application.

NAILS and IRONMONGERY,

from BIRMINGHAM direct.
Builders, Contractors, and Others, supplied with Nails, Iron, and Ironmongery of every description, at the
LOWEST BIRMINGHAM PRICES
a complete LIST of which
will be forwarded upon application.
FREDERICK SLYTH,
Nail Manufacturer and General Factor,
Regent-parade, BIRMINGHAM;
or at 16, Gresham-street, LONDON.

TO BUILDERS, CARPENTERS, CABINET-MAKERS, &c.

JOHN DALE, 18 and 19, Chiswell-street,

Finsbury-square, respectfully invites the above Trades to the inspection of his immense stock of Ironmongery, which cannot be surpassed in variety, quality, and cheapness by any house in London.

Elliptic Stoves, double backs, 8½d. per inch, and upwards.
Register Stoves, 4½d. 5d. 6d. 6½d. 7½d. per inch.
Self-acting Ranges, with circular ovens and back boilers, best wrought bars and bright fittings:—
1 ft., M. 10s.; 2 ft. 6 in., M. 3l.; 4 ft., M. 12s.
3-feet Cottage Ranges, with oven and back boilers, 32s. each.
3-feet self-acting ditto, ditto, 3l. 5s. each.
Air Bricks, 3s. 6d. per doz.
Best Town Glue, 8½d. Ditto, Scotch, 5½d. per cwt.
Best Patent Sash Line.

1	2	3	4	5	6
4s.	5s. 6d.	6s. 6d.	7s.	8s.	10s. 6d. per gross.

And every material required in the building, bell hanging, upholstery, and brass-foundry trades on the most reasonable terms.
List of Prices and an application at the Warehouse, or by letter appended.

CLARK and HUNT'S IRONMONGERY,

STOVE and METAL WAREHOUSE, 189, Shoreditch.

Improved Self-acting Cottage Ranges, with Larva Oven and Boiler	20 inch	22 inch	24 inch	28 inch
	2l. 5s.	2l. 12s.	2l. 15s.	3l. 5s.
Best Self-acting Ranges, with Oven and Boiler	24 inch	26 inch	28 inch	42 inch.
	3l. 5s.	3l. 15s.	4l. 5s.	6l. 5s.

Peach Boiler, Bright Wrought Bars ... 14s. 16s. 20s. 42s.
Strong Elliptic Stoves, with Extra Back and Solid Bars, per inch, 9½d.
Register Stoves, with Solid Bars, per inch, 5d. Best Solar ditto with Fire Brick Back, per inch, 10d.
Bright Stoves, with Two Fires, 8s. to 10s. each.

Cast Rain-water Pipe	3 inch	4 inch
	6d. 10d.	1s. per yard.
Cast Gutters—4 inch, 8d. per yard		
O. G. Gutters	6 inch	6½ inch
	11d.	1s. per yard.

In consequence of the advance of Iron, a new List of Rates is preparing.

Patent Line	2	3	4	5	6
	4½d.	5d.	7d.	9d.	1s. per knot.

6 inch 5-Bolt Rd. Ward Warrior, with best Furniture and Patent Spindles, 3s. each. Light Elliptic and Register Metal, 12s. per cwt.
Clark and Hunt's Ventilators, 1l. 1s. each.
An extensive stock of bar, rod, hoop, and sheet iron.
Clark and Hunt's Improved Glass Paper.

FOUNDRY AND IRON WORKS,

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GLOVER, BROS.,

Solicit the attention of the Trade to their extensive Stock of PATTERNS for CASTINGS of EVERY DESCRIPTION, either structural or ornamental.

Patterns of Girders, Columns, Balconies, Railing, Ornamental Carriage and Park Gates, Lamp and Street Posts, Tanks, Pipes, Wheels, Pinions, Lathes, and Steam-engines; Range and Hot-plate Metal. An improved Seat Door adapted for internal work.

A large stock of Rain-water Pipes, Plain and O.G. Gutters, Air-bricks, Sash Weights, Air-tight Sewer Grates, Stable Fittings, Hurdles, &c.

Plain and Ornamental Vases 20 per cent. cheaper than Terra-cotta.

Estimates given for Iron Buildings, Wrought-iron Roofing, Greenhouses, Staircases, Wrought-iron Girders, Fireproof Doors, Book-safes and Strong Rooms, Tanks and Boilers, and every description of Ironwork to specification, and the work executed with every attention to quality and despatch.

GLOVER BROS' IRONWORKS,
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BELL FOUNDERS AND ENGINEERS,
who are prepared to contract for the supply of
CHURCH BELLS
of any weight or key, singly or in peals, of superior tone. Peals augmented, cracked bells recast, rehung, &c.

MUSICAL HAND BELLS,
Clock, House, Ship, Cattle and every other description of Bells kept in stock.
Old Bells taken in exchange.

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WARNER'S PATENT CAST-IRON PUMPS,

for the use of FARMS, COTTAGES, MANURE TANKS AND SHALLOW WELLS.

Patent Pump	£1 15 0
Patent Pump, with 15 feet of lead pipe attached, and bolts and nuts ready for fixing	2 10 0

Larger sizes if required.

To emigrants proceeding to the Gold Regions they will prove to be the most simple, durable, and cheapest pump hitherto introduced.
May be obtained of any Ironmonger or Plumber in town or country, or of the Patentees and Manufacturers,
JOHN WARNER AND SONS,
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Every description of Machinery for raising Water, Fire Engines, &c.
The usual allowance to the Trade.

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PUMPS of SUPERIOR CONSTRUCTION bored perfectly true by improved machinery, in various plain and ornamental patterns, for equine and market-places, roads, conserva ories, liquid manure, ships, barge, brickmakers, contractors, gold diggers, brewers, chemical works, and in wrought and cast-iron, copper and brass, for hot or cold liquors, &c. &c. Long barrel and hydraulic lift-pumps, with handles on pinnacles, and engines of various powers, for wells of any depth.

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